

Abstract Of The Disclosure

A fan for a cross flow fan assembly, including
a plurality of elongate fan blades supported in an axial
5 cylindrical pattern about a rotational axis by disk
shape fan blade mounting members located adjacent ends
of the blades. The fan blades have radial outer end
portions defining an outer diameter of the fan, radial
inner end portions opposite the radial outer end
10 portions, and curved intermediate portions between the
radial outer end portions and the radial inner end
portions, respectively. Each of the fan blades is
oriented such that the radial outer end is at about a
28° angle to a line tangent to the fan diameter at the
15 outer end portion thereof, and the radial inner end
portion is directed radially inwardly directly toward
the axis or such that a line tangential to the radial
inner end portion will pass through the axis.